Given Names Deactivated Family Name

List of Publications by Year
in descending order

71 papers	1,815 citations	249298 26 h-index	325983 40 g-index
71 all docs	71 docs citations	71 times ranked	2279 citing authors

#	Article	IF	Citations
1	Magnetic Fe3O4 nanoparticles: Efficient and recoverable nanocatalyst for the synthesis of polyhydroquinolines and Hantzsch 1,4-dihydropyridines under solvent-free conditions. Journal of Molecular Catalysis A, 2014, 382, 99-105.	4.8	155
2	Surface modified magnetic nanoparticles as efficient and green sorbents: Synthesis, characterization, and application for the removal of anionic dye. Journal of Magnetism and Magnetic Materials, 2015, 394, 7-13.	1.0	90
3	Platinum nanostructures at the liquidâ€“liquid interface: catalytic reduction of p-nitrophenol to p-aminophenol. Journal of Materials Chemistry, 2011, 21, 16170.	6.7	82
4	Fe3O4 Nanoparticles as an Efficient and Magnetically Recoverable Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones under Solvent-Free Conditions. Chinese Journal of Catalysis, 2011, 32, 1484-1489.	6.9	80
5	Synthesis of xanthene derivatives by employing Fe3O4nanoparticles as an effective and magnetically recoverable catalyst in water. Catalysis Science and Technology, 2012, 2, 331-338.	2.1	79
6	Magnetic Pd/Fe 3 O 4 /reduced-graphene oxide nanohybrid as an efficient and recoverable catalyst for Suzukiâ€“Miyaura coupling reaction in water. Journal of Molecular Catalysis A, 2015, 396, 90-95.	4.8	66
7	Impedimetric ultrasensitive detection of chloramphenicol based on aptamer MIP using a glassy carbon electrode modified by 3-ampy-RGO and silver nanoparticle. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110451.	2.5	60
8	Thin film formation of Pd/reduced-graphene oxide and Pd nanoparticles at oilâ€“water interface, suitable as effective catalyst for Suzukiâ€“Miyaura reaction in water. Catalysis Science and Technology, 2014, 4, 1078.	2.1	59
9	The development of an electrochemical nanoaptasensor to sensing chloramphenicol using a nanocomposite consisting of graphene oxide functionalized with (3â€Aminopropyl) triethoxysilane and silver nanoparticles. Materials Science and Engineering C, 2020, 108, 110388.	3.8	55
10	Formation of snowman-like Pt/Pd thin film and Pt/Pd/reduced-graphene oxide thin film at liquidâ€“liquid interface by use of organometallic complexes, suitable for methanol fuel cells. RSC Advances, 2014, 4, 13796.	1.7	48
11	Oxidative addition of n-alkyl halides to diimineâ€“dialkylplatinum(ii) complexes: a closer look at the kinetic behaviors. Dalton Transactions, 2008, , 2414.	1.6	43
12	Palladium Nanoparticles Supported on Aminopropyl-Functionalized Clay as Efficient Catalysts for Phosphine-Free Câ€“C Bond Formation via Mizorokiâ€“Heck and Suzukiâ€“Miyaura Reactions. Bulletin of the Chemical Society of Japan, 2011, 84, 100-109.	2.0	42
13	Fe₃O₄Nanoparticles as an Efficient and Magnetically Recoverable Catalyst for Friedelâ€“Crafts Acylation Reaction in Solvent-Free Conditions. Synthetic Communications, 2013, 43, 1683-1691.	1.1	41
14	Titanium dioxide nanowires as green and heterogeneous catalysts for the synthesis of novel pyranocoumarins. Comptes Rendus Chimie, 2014, 17, 35-40.	0.2	37
15	Organometallic precursor route for the fabrication of PtSn bimetallic nanotubes and Pt3Sn/reduced-graphene oxide nanohybrid thin films at oilâ€“water interface and study of their electrocatalytic activity in methanol oxidation. Journal of Organometallic Chemistry, 2014, 769, 1-6.	0.8	37
16	Ultrasonic assisted synthesis of palladium-nickel/iron oxide coreâ€“shell nanoalloys as effective catalyst for Suzuki-Miyaura and p-nitrophenol reduction reactions. Ultrasonics Sonochemistry, 2017, 39, 467-477.	3.8	36
17	Thin film formation of platinum nanoparticles at oilâ€“water interface, using organoplatinum(ii) complexes, suitable for electro-oxidation of methanol. Dalton Transactions, 2013, 42, 12364.	1.6	35
18	Functionalization and solubilization of inorganic nanostructures and carbon nanotubes by employing organosilicon and organotin reagents. Journal of Materials Chemistry, 2009, 19, 988-995.	6.7	34

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19	Green synthesis of three substituted methane derivatives by employing ZnO nanoparticles as a powerful and recyclable catalyst. RSC Advances, 2013, 3, 23335.	1.7	34
20	Graphene oxide nanosheets promoted regioselective and green synthesis of new dicoumarols. RSC Advances, 2014, 4, 17891-17895.	1.7	34
21	Multi-metal nanomaterials obtained from oil/water interface as effective catalysts in reduction of 4-nitrophenol. Journal of Colloid and Interface Science, 2018, 513, 602-616.	5.0	31
22	High CO tolerance of Pt/Fe/Fe₂O₃nanohybrid thin film suitable for methanol oxidation in alkaline medium. RSC Advances, 2014, 4, 46992-46999.	1.7	30
23	Covalent attachment of 3-(aminomethyl)pyridine to graphene oxide: a new stabilizer for the synthesis of a palladium thin film at the oilâ€“water interface as an effective catalyst for the Suzukiâ€“Miyaura reaction. RSC Advances, 2015, 5, 47701-47708.	1.7	29
24	Facile synthesis of a covalent organic framework (COF) based on the reaction of melamine and trimesic acid incorporated electrospun nanofiber and its application as an electrochemical tyrosinamide aptasensor. New Journal of Chemistry, 2020, 44, 14922-14927.	1.4	28
25	Covalently cyclopalladium(II) complex/reduced-graphene oxide as the effective catalyst for the Suzukiâ€“Miyaura reaction at room temperature. Journal of Organometallic Chemistry, 2017, 828, 16-23.	0.8	27
26	Designing an electrochemical aptasensor based on immobilization of the aptamer onto nanocomposite for detection of the streptomycin antibiotic. Microchemical Journal, 2018, 141, 96-103.	2.3	26
27	Reactivity and Mechanism in the Oxidative Addition of Allylic Halides to a Dimethylplatinum(II) Complex. Organometallics, 2012, 31, 2357-2366.	1.1	25
28	Fe3O4 nanoparticles: A powerful and magnetically recoverable catalyst for the synthesis of novel calix[4]resorcinarenes. Chinese Chemical Letters, 2012, 23, 173-176.	4.8	23
29	ZIF-8 nanoparticles thin film at an oilâ€“water interface as an electrocatalyst for the methanol oxidation reaction without the application of noble metals. New Journal of Chemistry, 2019, 43, 15811-15822.	1.4	23
30	Uncommon Solvent Effect in Oxidative Addition of MeI to a New Dinuclear Platinum Complex Containing a Platina(II)cyclopentane Moiety. European Journal of Inorganic Chemistry, 2008, 2008, 5099-5105.	1.0	22
31	Ligandless Câ€C bond formation via Suzukiâ€“Miyaura reaction in micelles or waterâ€“ethanol solution using PdPtZn and PdZn nanoparticle thin films. Applied Organometallic Chemistry, 2015, 29, 489-494.	1.7	22
32	Catalytic applications of Î²-cyclodextrin/palladium nanoparticle thin film obtained from oil/water interface in the reduction of toxic nitrophenol compounds and the degradation of azo dyes. New Journal of Chemistry, 2019, 43, 6513-6522.	1.4	22
33	Organoplatinum complexes containing bis(diphenylphosphino)amine as ligand: uncommon case of Nâ€“Hâ‹¯Iâ€“Pt hydrogen bonding. Dalton Transactions, 2007, , 1697-1704.	1.6	21
34	Modification of palladiumâ€“copper thin film by reduced graphene oxide or platinum as catalyst for Suzukiâ€“Miyaura reactions. Applied Organometallic Chemistry, 2017, 31, e3607.	1.7	20
35	PtSn Nanoalloy Thin Films as Anode Catalysts in Methanol Fuel Cells. Inorganic Chemistry, 2020, 59, 10688-10698.	1.9	20
36	Effect of metal alloying on morphology and catalytic activity of platinum-based nanostructured thin films in methanol oxidation reaction. RSC Advances, 2016, 6, 45753-45767.	1.7	18

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37	Electrocatalytic oxidation behavior of NADH at Pt/Fe 3 O 4 /reduced-graphene oxide nanohybrids modified glassy carbon electrode and its determination. Materials Science and Engineering C, 2016, 67, 237-246.	3.8	17
38	A nanohybrid of organoplatinum(II) complex and graphene oxide as catalyst for reduction of p-nitrophenol. Journal of Organometallic Chemistry, 2017, 842, 1-8.	0.8	17
39	Facile synthesis of PtSnZn nanosheet thin film at oilâ€“water interface by use of organometallic complexes: An efficient catalyst for methanol oxidation and <i>p</i>â€nitrophenol reduction reactions. Applied Organometallic Chemistry, 2018, 32, e3979.	1.7	16
40	Ligand substitution reaction at a binuclear organoplatinum(II) complex. Journal of Organometallic Chemistry, 2007, 692, 1990-1996.	0.8	15
41	Oxidative Addition of Propargyl Halides, Chloroacetonitrile, and Ethyl Chloroacetate to a Dimethylplatinum(II) Complex: Kinetic and DFT Studies. Organometallics, 2014, 33, 1689-1699.	1.1	14
42	Copper(I) complex covalently anchored on graphene oxide as an efficient and recyclable catalyst for Sonogashira reaction. Applied Organometallic Chemistry, 2018, 32, e3964.	1.7	14
43	Polymerization of graphene oxide nanosheet by using of aminoclay: Electrocatalytic activity of its platinum nanohybrids. Applied Organometallic Chemistry, 2018, 32, e3894.	1.7	12
44	Effect of addition of iron on morphology and catalytic activity of PdCu nanoalloy thin film as catalyst in Sonogashira coupling reaction. Applied Organometallic Chemistry, 2017, 31, e3675.	1.7	11
45	Formation of nanoneedle Cu(0)/CuS nanohybrid thin film by the disproportionation of a copper(<scp>i</scp>) complex at an oilâ€“water interface and its application for dye degradation. RSC Advances, 2016, 6, 76964-76971.	1.7	10
46	Cu/Graphene/Clay Nanohybrid: A Highly Efficient Heterogeneous Nanocatalyst for Synthesis of New 5â€Substitutedâ€1<i>H</i>â€Tetrazole Derivatives Tethered to Bioactive <i>N</i>â€Heterocyclic Cores. Journal of Heterocyclic Chemistry, 2017, 54, 355-365.	1.4	10
47	Synthesis of thiospinel CuCo₂S₄and CuCo₂S₄/reduced-graphene oxide nanohybrids as highly effective catalysts for the Sonogashira reaction. New Journal of Chemistry, 2017, 41, 3392-3398.	1.4	10
48	Convenient on water synthesis of novel derivatives of dicoumarol as functional vitamin K depleter by Fe3O4 magnetic nanoparticles. Arabian Journal of Chemistry, 2017, 10, S3907-S3912.	2.3	10
49	Palladium/ melamine-based porous network thin film at oil/water interface as effective catalyst for reduction of p-nitrophenol to p-aminophenol and dye degradation. Microporous and Mesoporous Materials, 2022, 330, 111612.	2.2	10
50	Simultaneous formation of platinumâ€based nanocatalysts and degradation of dyes at oil/water interface: Comparative morphological and kinetic studies. Applied Organometallic Chemistry, 2018, 32, e3920.	1.7	9
51	Arene Câ€“H bond activation and methane formation by a methylplatinum(<scp>ii</scp>) complex: experimental and theoretical elucidation of the mechanism. New Journal of Chemistry, 2019, 43, 8005-8014.	1.4	9
52	Effects of the number of cyclometalated rings and ancillary ligands on the rate of MeI oxidative addition to platinum(<scp>ii</scp>)â€“pincer complexes. Dalton Transactions, 2019, 48, 3422-3432.	1.6	8
53	Synthesis, crystal structure, Hirshfeld surface analyses, antimicrobial activity, and thermal behavior of some novel nanostructure hexaâ€coordinated Cd(II) complexes: Precursors for CdO nanostructure. Applied Organometallic Chemistry, 2021, 35, e6181.	1.7	8
54	Ionic liquid-assisted synthesis of Pt nano thin films at tolueneâ€“water interface: Enhanced CO tolerance in methanol fuel cells and adsorptive removal of p-nitrophenol from water. Polyhedron, 2018, 151, 483-497.	1.0	7

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55	The history of organoplatinum chemistry in Iran: 40-year research. Journal of the Iranian Chemical Society, 2020, 17, 2683-2715.	1.2	7
56	Formation of PdNiZn thin film at oilâ€water interface: XPS study and application as Suzukiâ€Miyaura catalyst. Applied Organometallic Chemistry, 2018, 32, e4187.	1.7	6
57	A Bridging Peroxide Complex of Platinum(IV). Inorganic Chemistry, 2018, 57, 8951-8955.	1.9	6
58	Ligand-Controlled C_{sp}²â€“H versus C_{sp}³â€“H Bond Formation in Cycloplatinated Complexes: A Joint Experimental and Theoretical Mechanistic Investigation. Inorganic Chemistry, 2021, 60, 1998-2008.	1.9	6
59	Substitution and Organohalide Oxidative Addition Reactions Involving a Dimethylplatinum(II) Complex in a Micelle Medium. Organometallics, 2015, 34, 616-621.	1.1	5
60	Oxidative addition reaction of allyl or propargyl bromide with a diarylplatinum(II) complex. Journal of Organometallic Chemistry, 2016, 822, 5-12.	0.8	5
61	Reaction of allyl bromide with cyclometallated platinum(II) complexes: Unusual kinetic behavior and a novel case of methyl and allyl C-C bond reductive elimination. Journal of Organometallic Chemistry, 2018, 856, 1-12.	0.8	5
62	Visible-Light-Driven Efficient Hydrogen Production from CdS NanoRods Anchored with Co-catalysts Based on Transition Metal Alloy Nanosheets of NiPd, NiZn, and NiPdZn. ACS Applied Energy Materials, 0, , .	2.5	5
63	Pd/[C2NH2mim][Br] Thin Film Versus Pd/[C8mim][Cl] or Pd/[C8mim][BF4]: Catalytic Applications in Electrooxidation of Methanol, p-Nitrophenol Reduction and Câ€“C Coupling Reaction. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3448-3475.	1.9	5
64	Ligand-Mediated Câ€“Br Oxidative Addition to Cycloplatinated(II) Complexes and Benzyl-Me Câ€“C Bond Reductive Elimination from a Cycloplatinated(IV) Complex. ACS Omega, 2020, 5, 28621-28631.	1.6	5
65	Covalent bonding of magnetic Fe 3 O 4 nanoparticles to aminopropylâ€functionalized magnesium phyllosilicate clay: Synthesis and cytotoxic potential investigation. Applied Organometallic Chemistry, 2018, 32, e4036.	1.7	4
66	Substitution reactions of NN chelating atoms of organoplatinum (II) complexes with phosphorous donor reagents. Journal of Organometallic Chemistry, 2013, 725, 22-27.	0.8	3
67	Palladiumâ€“cadmium sulfide nanopowder at oilâ€“water interface as an effective catalyst for Suzukiâ€“Miyaura reactions. Applied Organometallic Chemistry, 2017, 31, e3718.	1.7	3
68	Chelating and Bridging Roles of 2-(2-Pyridyl)benzimidazole and Bis(diphenylphosphino)acetylene in Stabilizing a Cyclic Tetranuclear Platinum(II) Complex. Inorganic Chemistry, 2019, 58, 14608-14616.	1.9	3
69	Oxidative addition of 1,4â€dichloroâ€2â€butyne to an organoplatinum complex: A new precursor for synthesis of ultrasmall Pt nanoparticles thin film at liquid/liquid interface as the electrocatalyst in methanol oxidation reaction. Applied Organometallic Chemistry, 2019, 33, e5018.	1.7	2
70	Luminescent mononuclear and dinuclear cycloplatinated (II) complexes comprising azide and phosphine ancillary ligands. Applied Organometallic Chemistry, 2019, 33, e5197.	1.7	2
71	Tetranuclear Rollover Cyclometalated Organoplatinum-Rhenium Compound; C-I Oxidative Addition and C-C Reductive Elimination Using a Rollover Cycloplatinated Dimer. Dalton Transactions, 2021, 50, 15015-15026.	1.6	2